INTERNATIONAL SEARCH REPORT

International application No. PCT/KR03/00649

| A. CL | ASSIFICATION OF SUBJECT MATTER | | |
|---|--|--|------------------------------|
| | 7 G06F 17/60 | | |
| According to | International Patent Classification (IPC) or to both n | ational classification and IPC | |
| B. FIE | LDS SEARCHED | one of the state o | |
| Minimum do | cumentation searched (classification system followed | by classification symbols) | |
| IPC7 G06F | | , symbolo, | |
| Documentati | On searched other than minimum | | |
| KR IPC as a | on searched other than minimum documentation to the | e extent that such documents are included in the | e fields searched |
| | | · | |
| Electronic da | ta base consulted during the intertnational search (nar | ne of data hose and when a distribution | |
| e - Kipass | 5 ···· Joseph (Mar | ne of data base and, where practicable, search t | erms used) |
| | | | |
| C. DOCU | MENTS CONSIDERED TO BE RELEVANT | | |
| Category* | | | |
| x | | | Relevant to claim No. |
| ^ | KR2002-0064606A(Jong-Chul, Kim) Aug.09.2002 See the whole document. | 2 | 1-12 |
| A | KR2002-0050789A(LG electronics) June 27, 2002 | | 1-12 |
| A | See the whole document. KR2000-0054106A(Kyoung-Wu, Whang) Sep.05. | 2000 | |
| | See the whole document. | 2000 | 1-12 |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| | | | |
| Further | danmanta | | |
| | documents are listed in the continuation of Box C. | See patent family annex. | |
| A" document | tegories of cited documents: defining the general state of the art which is not considered | "T" later document published after the internation | onal filing date or priority |
| to se of ba | rticular relevance lication or patent but published on or after the international | date and not in conflict with the application the principle or theory underlying the inver- | ntion |
| ming date | | "X" document of particular relevance; the claim considered novel or cannot be considered | ed invention connot be |
| cited to establish the publication date of citation or other | | step when the document is taken alone | |
| special reason (as specified) O" document referring to an oral disclosure, use, exhibition or other | | considered to involve an inventive step w | hen the document to |
| means document published prior to the international filing date but later | | combined with one or more other such doct being obvious to a person skilled in the art | ments, such combination |
| | ority date claimed | "&" document member of the same patent family | |
| ate of the actu | al completion of the international search | Date of mailing of the international search re | |
| 26 DECEMBER 2003 (26.12.2003) | | · · | |
| Name and mailing address of the ISA/KR | | 27 DECEMBER 2003 (27.12.20) Authorized officer | 03) |
| Korean Intellectual Property Office | | - Addition of the state of the | |
| tis | 20 Dunsan-dong, Seo-gu, Daejeon 302-701, epublic of Korea | KIM, Mu Kyoung | [2]等 |
| acsimile No. | 82-42-472-7140 | Telephone No. 82-42-481-5747 | 《水戏》 |